

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2005/000251

A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl⁷ F16H55/08, F16H19/04, B62D3/12, B62D5/04, B62D5/22

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl⁷ B62D3/12, F16H19/00-37/16, F16H51/00-55/30, B62D5/00-5/32

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

| | | | |
|---------------------------|-----------|----------------------------|-----------|
| Jitsuyo Shinan Koho | 1922-1996 | Jitsuyo Shinan Toroku Koho | 1996-2005 |
| Kokai Jitsuyo Shinan Koho | 1971-2005 | Toroku Jitsuyo Shinan Koho | 1994-2005 |

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|-----------|--|-----------------------|
| A | JP 2000-211535 A (Kayaba Industry Co., Ltd.), 02 August, 2000 (02.08.00), Par. Nos. [0007], [0014]; Fig. 1 (Family: none) | 1-4 |
| A | JP 56-31551 A (Honda Motor Co., Ltd.), 30 March, 1981 (30.03.81), Full text; Fig. 5 | 1-4 |
| A | JP 9-133187 A (Aisin AI Co., Ltd.), 20 May, 1997 (20.05.97), Par. Nos. [0031] to [0036]; Fig. 1 (Family: none) | 2-4 |

 Further documents are listed in the continuation of Box C. See patent family annex.

| | | |
|---|----|--|
| * Special categories of cited documents: | -T | later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention |
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| *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) | & | document member of the same patent family |
| *O* document referring to an oral disclosure, use, exhibition or other means | | |
| *P* document published prior to the international filing date but later than the priority date claimed | | |

Date of the actual completion of the international search
24 March, 2005 (24.03.05)Date of mailing of the international search report
12 April, 2005 (12.04.05)Name and mailing address of the ISA
Japanese Patent Office

Authorized officer

Facsimile No.

Telephone No.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2005/000251

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|-----------|--|-----------------------|
| A | JP 63-180766 A (Toyota Motor Corp.), 25 July, 1988 (25.07.88), Page 2, upper left column, line 16 to page 2, upper right column, line 15; Fig. 8(d) (Family: none) | 2-4 |
| A | JP 51-82851 A (William S. Ruberoll), 20 July, 1976 (20.07.76), Page 7, upper right column, lines 7 to 14 | 1-4 |
| A | JP 2001-163228 A (Honda Motor Co., Ltd.), 19 June, 2001 (19.06.01), Par. Nos. [0011] to [0014]; Fig. 1 | 4 |
| A | Microfilm of the specification and drawings annexed to the request of Japanese Utility Model Application No. 003072/1981 (Laid-open No. 116574/1982) (Toyota Motor Co., Ltd.), 19 July, 1982 (19.07.82), Full descriptions; Figs. 1 to 3 (Family: none) | 1-4 |

INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.
PCT/JP2005/000251

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| JP 56-31551 A | 1981.03.30 | US 4382389 A GB 2060124 A DE 3031460 A1 FR 2463878 A1 |
| JP 51-82851 A | 1976.07.20 | US 3937098 A GB 1509570 A DE 2554404 A1 FR 2293642 A1 BE 0835889 A IT 1053031 B |
| JP 2001-163228 A | 2001.06.19 | US 6390230 B1 GB 2354988 A GB 2354989 A DE 10049548 A1 DE 10049570 A1 |

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